



# Work Order ID 60774

Thursday, July 22, 2010 12:58:35 PM

Item ID: D4148-041

Revision ID: PRELIM

Item Name: Crosstube Lug Assembly, Fwd

Start Date: 7/22/2010 Start Qty: 4.00

Required Date: 7/29/2010 Req'd Qty: 4.00

Reference:

Approvals:

Process Plan:

QC:

Sequence ID/  
Work Center ID

130



QC

Quality Control

Operation  
Description

QC21- Final Inspection - Work Order Release

Memo

Accept



Cust Item ID:

Customer:

Stop



Run

Start



Stop



Tooling:

SPC (Y/N):

Set Up/  
Run Hours

0.00

0.00

Date:

Date:

Tool ID Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

10/07/29

U 10007 28

4

# Picklist Print

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Work Order ID: 60774

Parent Item: D4148-041

Parent Item Name: Crosstube Lug Assembly, Fwd

Start Date: 7/22/2010

Required Date: 7/29/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 10.06.24 new issue DD ver:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
✓ D2690-6  Lanyard Assembly		Manufactured	No			100	Each	24.0000	1	4			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST020		24							
					59960	24							
D3908-5  Eyebolt Stud		Manufactured	No			100	Each	15.0000	1	4			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		1							
					57428	1							
				ST095		14							
					58850	4							
					59670	10							
✓ D4148-1  Crosstube Lug Plate, Fwd		Manufactured	No			100	Each	0.0000	2	8			
✓ D4148-3  Stud Receiver, Lower		Manufactured	No			100	Each	0.0000	1	4			
✓ D3910-1  Crosstube Lug		Manufactured	No			100	Each	24.0000	1	4			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st507		24							
					59349	23							
					59708	1							

B 60777

B 60775

D4148-5 qty 1 Batch: 60791

8/30/07/27

4/1

2 8/30/07/27

4 1 8/30/07/27

8/30/07/27

4/1

(4)

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Work Order ID: 60774

Parent Item: D4148-041

Parent Item Name: Crosstube Lug Assembly, Fwd

Start Date: 7/22/2010

Required Date: 7/29/2010

Start Qty: 4.00

Required Qty: 4.00

✓ D4091-1  
  
 Mounting Lug

Manufactured No

100

Each

2.0000

1



*4*  
*7/20/07/27*

✓ AN3C12A  
  
 Bolts

Purchased No

100

Each

44.0000

*11/6/07/22*  
*4*



*81*  
*86*  
*7/20/07/27*

✓ AN4C13A  
  
 BOLT

Purchased No

100

Each

104.0000

1



*4*  
*7/20/07/27*

## Location

ST460

60239

## Loc Qty

2

2

## Loc Code

## Location

ST351

112314

114761

115016

## Loc Qty

44

8

22

14

## Loc Code

## Location

ST357

113359

114108

114442

114615

## Loc Qty

104

3

1

50

50

## Loc Code

*4*  
*3*

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Work Order ID: 60774

Parent Item: D4148-041

Parent Item Name: Crosstube Lug Assembly, Fwd

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Start Date: 7/22/2010

Required Date: 7/29/2010

Start Qty: 4.00

Required Qty: 4.00

✓ MS17984-C413

Purchased



PIN, QUICK RELEASE

No

100

Each

28.0000

1

4



*Ep 10/07/27*

## Location

## Loc Qty

## Loc Code

ST297

4

114340

4

ST314

24

114523

1

114774

3

114886

20

No

100

Each

322.0000

7

40



*Ep 10/07/27*

## Location

## Loc Qty

## Loc Code

ST323

322

114808

152

115054

170

No

100

Each

2,981.000

4



*Ep 10/07/27*

## Location

## Loc Qty

## Loc Code

FG

76

103691

76

ST301

2905

112314

2905

*Ep 10/07/27*

✓ MS20615-4M26 18

Purchased



RIVET

✓ MS21043-3

Purchased



Nut

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Start Date: 7/22/2010

Required Date: 7/29/2010

Start Qty: 4.00

Required Qty: 4.00


✓ MS21043-4 Purchased No 100 Each 1,220.000 1 4  
  
 Nut

Location	Loc Qty	Loc Code
FG	40	
104603	40	
ST301	1180	
112492	25	
113069	8	
114348	347	
114523	500	
114784	300	

  
 EF 5/10/07/27


✓ NAS1149C0332R Purchased No 100 Each 3,480.000 8 32  
  
 Washer

Location	Loc Qty	Loc Code
ST297	3480	
113524	10	
113737	150	
115000	3320	

  
 EF 5/10/07/27

✓ NAS1149C0432R Purchased No 100 Each 730.0000 2 8  
  
 Washer

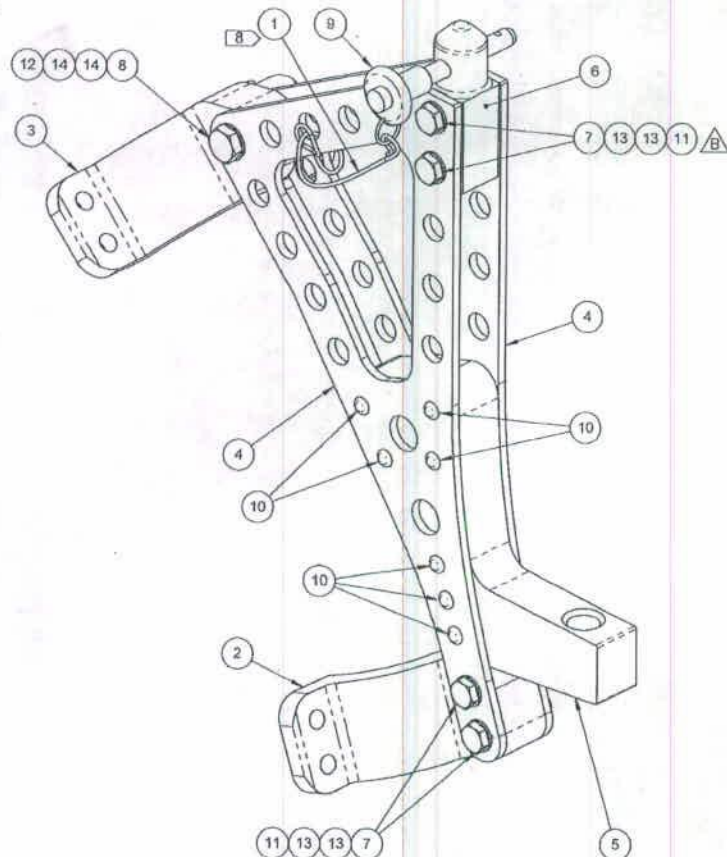
Location	Loc Qty	Loc Code
ST297	730	
114292	140	
114742	590	

  
 EF 5/10/07/27

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**D4148-041 FWD X-TUBE LUG ASSY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4148-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 3.47 lbs
- 8) ATTACH D2690-6 TO D4148-1 BY LOOPING AROUND A LIGHTENING HOLE FIRST AND THEN SECURE TO MS17984-C413

ITEM	QTY -041	P/N	DESCRIPTION
	X	D4148-041	FWD X-TUBE LUG ASSY
1	1	D2690-6	LANYARD
2	1	D3910-1	X-TUBE LUG
3	1	D4091-1	MOUNTING LUG
4	2	D4148-1	FWD X-TUBE LUG PLATE
5	1	D4148-3	STUD RECEIVER LOWER
6	1	D4148-5	EYEBOLT STUD
7	4	AN3C12A	
8	1	AN4C13A	BOLT
9	1	MS17984-C413	PIP PIN
10	7	MS20615-4M18	RIVET
11	4	MS21043-3	NUT
12	1	MS21043-4	NUT
13	8	NAS1149C0332R	WASHER
14	2	NAS1149C0432R	WASHER

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. *60774*  
*BS10-722*

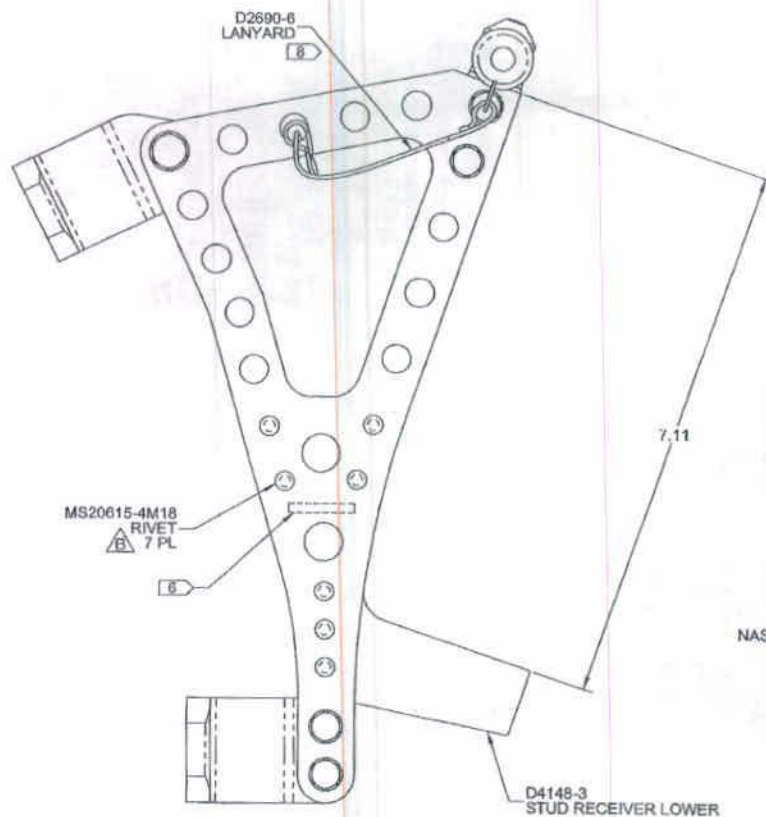
**RELEASED**  
2010-07-16

REPLACED QTY(3) MS20615-4M18 WITH QTY(2) EACH AN3C12A, MS21043-3 AND QTY(4) NAS1149C0332R WASHER (ZN D3-1, B7-2 & B4-2); MS20615-4M18 WAS MS20615-4M20 (ZN D3-1 & B7-2); Ø0.129 1/2 PL REPLACES Ø0.129 3 PL (ZN D6-3); Ø0.129 7 PL WAS 10 PL (ZN A7-3); Ø0.151 WAS Ø.129 (ZN C8-5); REASON: SEE TR-D350-607-2 REV. B.		MB	10.07.05
A	NEW ISSUE	MB	10.06.18
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.07.05		

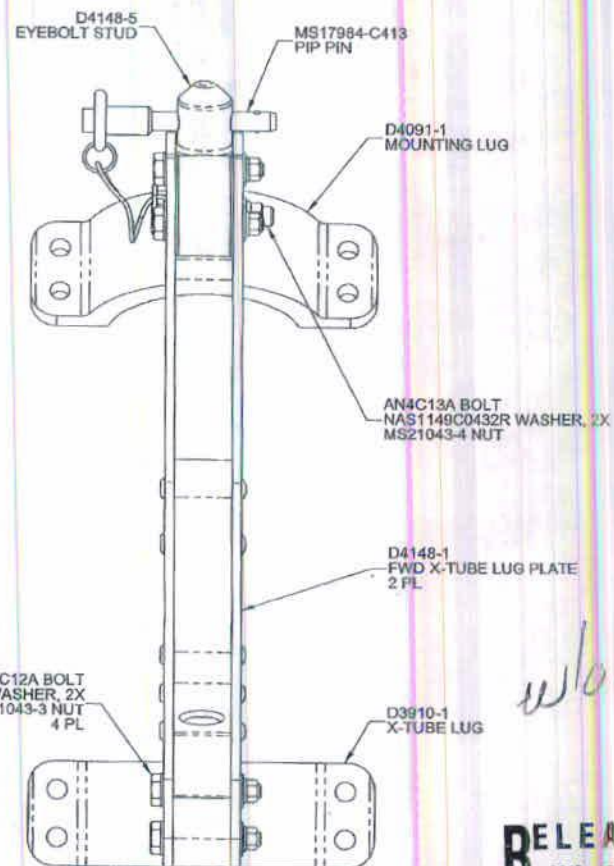
**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4148** REV. B  
SHEET 1 OF 5  
TITLE **FWD X-TUBE LUG ASSY** SCALE NTS

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**D4148-041 FWD X-TUBE LUG ASSY**



**RELEASED**  
2010-07-16  
MP

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. <b>D4148</b>	REV. B
MFG. APPR.		TITLE	SHEET 2 OF 5
APPROVED		<b>FWD X-TUBE LUG ASSY</b>	SCALE
DE APPR.			NTS
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